

## CLAIMS

1. Cosmetic formulations containing
  - (a) dialkyl ethers corresponding to formula (I):



in which R<sup>1</sup> and R<sup>2</sup> independently of one another represent linear or branched alkyl and/or alkenyl groups containing 12 to 22 carbon atoms,

- (b) cationic polymers and
- (c) emulsifiers selected from the group consisting of alkyl and/or alkenyl oligoglycosides, fatty acid-N-alkyl polyhydroxyalkylamides, alkyl ether sulfates and/or betaines.
2. Formulations as claimed in claim 1, characterized in that they contain distearyl ether as component (a).
3. Formulations as claimed in claims 1 and 2, characterized in that they contain as component (b) cationic polymers selected from the group consisting of cationic cellulose derivatives, cationic starches, copolymers of diallyl ammonium salts and acrylamides, quaternized vinyl pyrrolidone/vinyl imidazole polymers, condensation products of polyglycols and amines, quaternized collagen polypeptides, quaternized wheat polypeptides, polyethyleneimines, cationic silicone polymers, copolymers of adipic acid and dimethylaminohydroxypropyl diethylenetriamine, copolymers of acrylic acid with dimethyl diallyl ammonium chloride, polyaminopolyamides, cationic chitin derivatives, condensation products of dihaloalkyls with bis-dialkylamines and/or quaternized ammonium salt polymers.

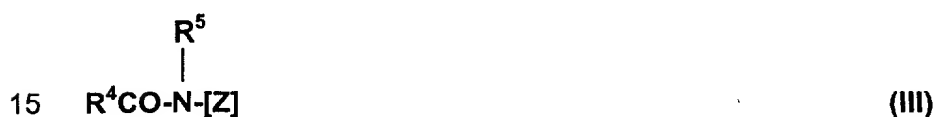
4. Formulations as claimed in claims 1 to 3, characterized in that they contain as component (c) alkyl and alkenyl oligoglycosides corresponding to formula (II):



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where  $\text{R}^3$  is an alkyl and/or alkenyl group containing 4 to 22 carbon atoms, G is a sugar unit containing 5 or 6 carbon atoms and p is a number of 1 to 10.

5. Formulations as claimed in claims 1 to 4, characterized in that they contain as component (c) fatty acid-N-alkyl polyhydroxyalkyl amides corresponding to formula (III):



where  $\text{R}^4\text{CO}$  is an aliphatic acyl group containing 6 to 22 carbon atoms,  $\text{R}^5$  is an alkyl or hydroxyalkyl group containing 1 to 4 carbon atoms and [Z] is a linear or branched polyhydroxyalkyl group containing 3 to 12 carbon atoms and 3 to 10 hydroxyl groups.

6. Formulations as claimed in claims 1 to 5, characterized in that they contain as component (c) alkyl ether sulfates corresponding to formula (V):



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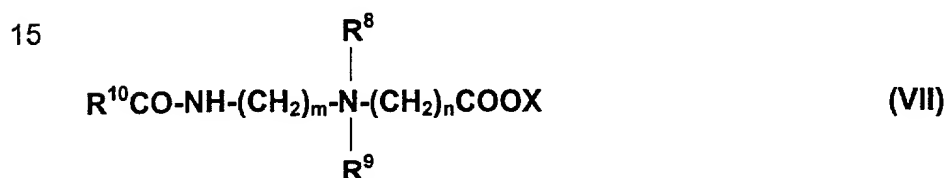
in which  $\text{R}^6$  is a linear or branched alkyl and/or alkenyl group containing 6 to 22 carbon atoms, x is a number of 1 to 10 and X is an alkali metal and/or alkaline earth metal, ammonium, alkylammonium, alkanolammonium or glucammonium.

30 7. Formulations as claimed in claims 1 to 6, characterized in that they contain as component (c) betaines corresponding to formula (VI):



in which R<sup>7</sup> stands for alkyl and/or alkenyl groups containing 6 to 22 carbon atoms, R<sup>8</sup> stands for hydrogen or alkyl groups containing 1 to 4 carbon atoms, R<sup>9</sup> stands for alkyl groups containing 1 to 4 carbon atoms, n is a number of 1 to 6 and X is an alkali metal and/or alkaline earth metal or ammonium.

8. Formulations as claimed in claims 1 to 7, characterized in that they contain as component (c) betaines corresponding to formula (VII):



in which R<sup>10</sup>CO is an aliphatic acyl group containing 6 to 22 carbon atoms and 0 or 1 to 3 double bonds, m is a number of 1 to 3 and R<sup>8</sup>, R<sup>9</sup>, n and X are as defined above.

9. Formulations as claimed in claims 1 to 8, characterized in that they contain

- (a) 0.1 to 5 and preferably 0.5 to 2% by weight of dialkyl ethers,
- (b) 0.1 to 5 and preferably 1 to 2% by weight of cationic polymers and
- (c) 1 to 50 and preferably 5 to 25% by weight of emulsifiers,

with the proviso that the quantities add up to 100% by weight with water and other typical auxiliaries and additives.

10. The use of the mixtures claimed in claim 1 for the production of pearlescent conditioning shampoos.

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